

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ► Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2016 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2016 or fiscal plan year beginning <u>07/01/2016</u> and ending <u>06/30/2017</u>			
A	This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____	
B	This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)	
C	If the plan is a collectively-bargained plan, check here. ► ☐		
D	Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)	

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>CASE WESTERN RESERVE UNIVERSITY EMPLOYEES RETIREMENT PLAN B</u>	1b	Three-digit plan number (PN) ► <u>003</u>
		1c	Effective date of plan <u>01/01/1969</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>CASE WESTERN RESERVE UNIVERSITY</u> <u>JAMES E. RYAN</u> <u>10900 EUCLID AVENUE</u> <u>CLEVELAND, OH 44106-7047</u>	2b	Employer Identification Number (EIN) <u>34-1018992</u>
		2c	Plan Sponsor's telephone number <u>216-368-2000</u>
		2d	Business code (see instructions) <u>611000</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	04/13/2018	JAMES E. RYAN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE
Preparer's name (including firm name, if applicable) and address (include room or suite number)			Preparer's telephone number

3a Plan administrator's name and address ☐ Same as Plan Sponsor CASE WESTERN RESERVE UNIVERSITY JAMES E. RYAN 10900 EUCLID AVENUE 304 CRAWFORD HALL CLEVELAND, OH 44106-7047	3b Administrator's EIN 34-1018992 3c Administrator's telephone number 216-368-2000
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name	4b EIN 4c PN
5 Total number of participants at the beginning of the plan year	5 5085
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year..... a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 1865 6a(2) 1727 6b 789 6c 2503 6d 5019 6e 38 6f 5057 6g 6h 50
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1A 1C b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ <u>1</u> A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2016 Form M-1 annual report. If the plan was not required to file the 2016 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service <hr/> Department of Labor Employee Benefits Security Administration <hr/> Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110
		2016
		This Form is Open to Public Inspection

For calendar plan year 2016 or fiscal plan year beginning **07/01/2016** and ending **06/30/2017**

A Name of plan CASE WESTERN RESERVE UNIVERSITY EMPLOYEES RETIREMENT PLAN B	B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 CASE WESTERN RESERVE UNIVERSITY	D Employer Identification Number (EIN) 34-1018992

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier

TEACHERS INSURANCE AND ANNUITY ASSOCIATION

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1624203	69345	U-LK78	5057	07/01/2016	06/30/2017

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	3693180
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	8596865

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier**6b****c** Premiums due but unpaid at the end of the year**6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount**6d**

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)**a** Type of contract: (1) ☒ deposit administration (2) ☐ immediate participation guarantee(3) ☐ guaranteed investment (4) ☐ other ▶**b** Balance at the end of the previous year**7b**

3736024

c Additions: (1) Contributions deposited during the year**7c(1)**

6000000

(2) Dividends and credits.....

7c(2)

(3) Interest credited during the year.....

7c(3)

95202

(4) Transferred from separate account

7c(4)

(5) Other (specify below)

7c(5)

▶

(6) Total additions

7c(6)

6095202

d Total of balance and additions (add lines **7b** and **7c(6)**)**7d**

9831226

e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year

7e(1)

6138046

(2) Administration charge made by carrier.....

7e(2)

(3) Transferred to separate account

7e(3)

(4) Other (specify below)

7e(4)

▶

(5) Total deductions

7e(5)

6138046

f Balance at the end of the current year (subtract line **7e(5)** from line **7d**).....**7f**

3693180

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	0
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount. Specify nature of costs.	10b	

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 07/01/2016 and ending 06/30/2017

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>CASE WESTERN RESERVE UNIVERSITY EMPLOYEES RETIREMENT PLAN B</u>	B Three-digit plan number (PN) ▶ <u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>CASE WESTERN RESERVE UNIVERSITY</u>	D Employer Identification Number (EIN) <u>34-1018992</u>
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>07</u> Day <u>01</u> Year <u>2016</u>	
2 Assets:	
a Market value	2a <u>143990961</u>
b Actuarial value	2b <u>157209623</u>
3 Funding target/participant count breakdown	(1) Number of participants (2) Vested Funding Target (3) Total Funding Target
a For retired participants and beneficiaries receiving payment.....	<u>806</u> <u>27269241</u> <u>27269241</u>
b For terminated vested participants.....	<u>2414</u> <u>69768567</u> <u>69768567</u>
c For active participants.....	<u>1865</u> <u>78918035</u> <u>81900048</u>
d Total.....	<u>5085</u> <u>175955843</u> <u>178937856</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
a Funding target disregarding prescribed at-risk assumptions	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b
5 Effective interest rate	5 <u>6.31 %</u>
6 Target normal cost.....	6 <u>7278747</u>

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		<u>04/06/2018</u>
	Signature of actuary	Date
<u>JOSEPH A. PERKO</u>	Type or print name of actuary	<u>14-06491</u>
		Most recent enrollment number
<u>TOWERS WATSON PENNSYLVANIA, INC.</u>	Firm name	<u>216-937-4000</u>
<u>1001 LAKESIDE AVENUE, SUITE 1900</u> <u>CLEVELAND, OH 44114-1172</u>	Address of the firm	Telephone number (including area code)

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2016
v. 160205

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)		
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)		
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of _____ %		
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of 0.00 %		0
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c	Total available at beginning of current plan year to add to prefunding balance		0
d	Portion of (c) to be added to prefunding balance		
12	Other reductions in balances due to elections or deemed elections		
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages			
14	Funding target attainment percentage	14	87.85%
15	Adjusted funding target attainment percentage	15	87.85%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	94.11%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
10/14/2016	2071331	0			
01/12/2017	2070974	0			
04/13/2017	2071331	0			
07/14/2017	2071331	0			
03/14/2018	3690648	0			
			Totals ►	18(b)	11975615
				18(c)	0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a	Contributions allocated toward unpaid minimum required contributions from prior years.	19a 0
b	Contributions made to avoid restrictions adjusted to valuation date	19b 0
c	Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c 11284151
20 Quarterly contributions and liquidity shortfalls:		
a Did the plan have a "funding shortfall" for the prior year?		☒ Yes ☐ No
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?		☒ Yes ☐ No
c If line 20a is "Yes," see instructions and complete the following table as applicable:		

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V	Assumptions Used to Determine Funding Target and Target Normal Cost					
21	Discount rate:					
a	Segment rates:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">1st segment: 4.43%</td> <td style="width: 33%;">2nd segment: 5.91%</td> <td style="width: 33%;">3rd segment: 6.65%</td> </tr> </table>	1st segment: 4.43%	2nd segment: 5.91%	3rd segment: 6.65%	☐ N/A, full yield curve used
1st segment: 4.43%	2nd segment: 5.91%	3rd segment: 6.65%				
b	Applicable month (enter code)	21b	4			
22	Weighted average retirement age	22	66			
23	Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute					
Part VI	Miscellaneous Items					
24	Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No					
25	Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No					
26	Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No					
27	If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.	27				
Part VII	Reconciliation of Unpaid Minimum Required Contributions For Prior Years					
28	Unpaid minimum required contributions for all prior years	28	0			
29	Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0			
30	Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0			
Part VIII	Minimum Required Contribution For Current Year					
31	Target normal cost and excess assets (see instructions):					
a	Target normal cost (line 6)	31a	7278747			
b	Excess assets, if applicable, but not greater than line 31a	31b	0			
32	Amortization installments:	Outstanding Balance	Installment			
a	Net shortfall amortization installment	21728233	4002816			
b	Waiver amortization installment		0			
33	If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33				
34	Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	11281563			
		Carryover balance	Prefunding balance			
35	Balances elected for use to offset funding requirement		0			
36	Additional cash requirement (line 34 minus line 35)	36	11281563			
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	11284151			
38	Present value of excess contributions for current year (see instructions)					
a	Total (excess, if any, of line 37 over line 36)	38a	2588			
b	Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0			
39	Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0			
40	Unpaid minimum required contributions for all years	40	0			
Part IX	Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)					
41	If an election was made to use PRA 2010 funding relief for this plan:					
a	Schedule elected	☐ 2 plus 7 years ☐ 15 years				
b	Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011				
42	Amount of acceleration adjustment	42	0			
43	Excess installment acceleration amount to be carried over to future plan years	43	0			

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2016
		This Form is Open to Public Inspection.

For calendar plan year 2016 or fiscal plan year beginning **07/01/2016** and ending **06/30/2017**

A Name of plan CASE WESTERN RESERVE UNIVERSITY EMPLOYEES RETIREMENT PLAN B	B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 CASE WESTERN RESERVE UNIVERSITY	D Employer Identification Number (EIN) 34-1018992

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☐ Yes ☒ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

TOWERS WATSON

1001 LAKESIDE AVE
SUITE 1900
CLEVELAND, OH 44114

23-1159360

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11	NONE	218324	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

BAKER HOSTETLER

34-0082025

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	NONE	48188	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

TIAA

13-1624203

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
12 38	NONE	41941	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

MALONEY & NOVOTNY LLC

1111 SUPERIOR AVE EAST
SUITE 700
CLEVELAND, OH 44114

34-0677006

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	NONE	18250	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

TIAA-CREF TRUST COMPANY FSB

211 NORTH BROADWAY
SUITE 1000
ST LOUIS, MO 63102

43-1814494

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
25	NONE	15330	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2016</div> This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 07/01/2016 and ending 06/30/2017

A Name of plan CASE WESTERN RESERVE UNIVERSITY EMPLOYEES RETIREMENT PLAN B	B Three-digit plan number (PN) ►	003
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 CASE WESTERN RESERVE UNIVERSITY	D Employer Identification Number (EIN) 34-1018992	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: REAL ESTATE FUND

b Name of sponsor of entity listed in (a): TIAA-CREF

c EIN-PN 43-1814494-001	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 8596865
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
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For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) <small>Internal Revenue Service</small> <small>Department of Labor</small> <small>Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning <u>07/01/2016</u> and ending <u>06/30/2017</u>		
A Name of plan <u>CASE WESTERN RESERVE UNIVERSITY EMPLOYEES RETIREMENT PLAN B</u>	B Three-digit plan number (PN) ►	<u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>CASE WESTERN RESERVE UNIVERSITY</u>	D Employer Identification Number (EIN) <u>34-1018992</u>	

Part I	Asset and Liability Statement
---------------	--------------------------------------

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	4318441	5761979
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)	13887	4068
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	85580	5450880
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)	76860742	49026472
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	8271992	8596865
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	50830208	87636331
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	3736024	3693180
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	144116874	160169775

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	144116874	160169775
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Part II Income and Expense Statement

- 2** Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	11975615	
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		11975615
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	49958	
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)	95202	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		145160
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1323740	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		1323740
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	90465332	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	89510767	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		954565
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	3710689	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		3710689

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		7291000
c Other income.....	2c		150
d Total income. Add all income amounts in column (b) and enter total.....	2d		25400919

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	6138045	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		6138045
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)	284762	
(2) Contract administrator fees.....	2i(2)	57271	
(3) Investment advisory and management fees.....	2i(3)	0	
(4) Other	2i(4)	2867940	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		3209973
j Total expenses. Add all expense amounts in column (b) and enter total	2j		9348018

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		16052901
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unqualified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☐ Yes ☒ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: MALONEY & NOVOTNY, LLC

(2) EIN: 34-0677006

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

		Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		5000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j	X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			
o Defined Benefit Plan or Money Purchase Pension Plan Only: Were any distributions made during the plan year to an employee who attained age 62 and had not separated from service?	4o			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?
If "Yes," enter the amount of any plan assets that reverted to the employer this year. ☐ Yes ☒ No **Amount:**

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☒ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4043009. (See instructions.)

Part V Trust Information

6a Name of trust	6b Trust's EIN
6c Name of trustee or custodian	6d Trustee's or custodian's telephone number

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 07/01/2016 and ending 06/30/2017

A Name of plan <u>CASE WESTERN RESERVE UNIVERSITY EMPLOYEES RETIREMENT PLAN B</u>	B Three-digit plan number (PN) ▶ <u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>CASE WESTERN RESERVE UNIVERSITY</u>	D Employer Identification Number (EIN) <u>34-1018992</u>

Part I	Distributions
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All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>43-1814494</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	<u>34</u>

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☒ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☒ N/A

Part III	Amendments
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9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☒ No
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Part IV	ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Schedule R (Form 5500) 2016
v. 160205

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14	Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:		
	a The current year	14a	
	b The plan year immediately preceding the current plan year	14b	
	c The second preceding plan year	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year	15a	
	b The corresponding number for the second preceding plan year	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment	☐
19	If the total number of participants is 1,000 or more, complete lines (a) through (c)	
	a Enter the percentage of plan assets held as: Stock: <u>56.8</u> % Investment-Grade Debt: <u>0.0</u> % High-Yield Debt: <u>0.0</u> % Real Estate: <u>0.0</u> % Other: <u>43.2</u> %	
	b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more	
	c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):	

Part VII	IRS Compliance Questions
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20a Is the plan a 401(k) plan? If "No," skip b	☐ Yes ☐ No
20b How did the plan satisfy the nondiscrimination requirements for employee deferrals under section 401(k)(3) for the plan year? Check all that apply:	☐ Design-based safe harbor ☐ "Prior year" ADP test ☐ "Current year" ADP test ☐ N/A
21a What testing method was used to satisfy the coverage requirements under section 410(b) for the plan year? Check all that apply:	☐ Ratio percentage test ☐ Average benefit test ☐ N/A
21b Did the plan satisfy the coverage and nondiscrimination requirements of sections 410(b) and 401(a)(4) for the plan year by combining this plan with any other plan under the permissive aggregation rules?	☐ Yes ☐ No
22a If the plan is a master and prototype plan (M&P) or volume submitter plan that received a favorable IRS opinion letter or advisory letter, enter the date of the letter / / and the serial number .	
22b If the plan is an individually-designed plan that received a favorable determination letter from the IRS, enter the date of the most recent determination letter / / .	

**CASE WESTERN RESERVE UNIVERSITY
EMPLOYEES' RETIREMENT PLAN B**

FINANCIAL REPORT

JUNE 30, 2017 and 2016

Independent Auditors' Report

To the Retirement Committee of
Case Western Reserve University
Employees' Retirement Plan B
Cleveland, Ohio

We have audited the accompanying financial statements of Case Western Reserve University Employees' Retirement Plan B (the "Plan"), which comprise the statements of net assets available for benefits as of June 30, 2017 and 2016, and the related statements of changes in net assets available for benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditors consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of June 30, 2017 and 2016, and the changes in its net assets available for benefits for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Report on Supplementary Information

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedules of assets (held at end of year) as of June 30, 2017 and reportable transactions for the year ended June 30, 2017 are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Such information is the responsibility of the Plan's management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

Meloney + Novotny LLC

Cleveland, Ohio
April 9, 2018

SCHEDULE SB ATTACHMENTS

Attained Age	Attained Age and Years of Service													Total
	Average Compensation/Salary (limited)													
	Average Cash Balance													
0	1	2	3	4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40 & Over		
Under 25	5	11												16
25-29	82	52	10	4		1								149
	35,455	37,984												36,236
	5,065	2,976												5,035
30-34	74	41	15	17	17	25	1							190
	42,501	46,522				47,535								43,566
	6,149	7,499				28,736								12,084
35-39	40	30	15	16	12	59	28							200
	43,428	45,100				42,538	47,563							45,391
	6,653	7,083				29,585	50,877							22,499
40-44	27	28	16	10	8	66	45	17						217
	46,919	49,578				49,593	47,813							48,579
	7,580	8,390				33,413	54,799							32,801
45-49	34	25	15	19	10	57	65	39	9	2				275
	43,143	45,312				48,341	49,569	57,324						49,130
	6,462	7,129				34,887	59,419	87,972						42,240
50-54	30	20	9	9	9	50	44	18	30	28	4			251
	42,623	42,679				45,562	47,852		57,493	56,159				49,412
	7,034	7,835				33,461	54,996		112,127	125,953				56,385
55-59	24	13	9	12	4	49	49	27	26	33	20	4		270
	43,784					52,286	49,401	51,066	51,842	51,159	58,559			49,741
	6,936					37,065	59,062	84,203	107,452	112,699	126,732			63,852
60-64	9	7	8	7	5	35	36	23	19	13	16	7	3	188
						41,909	45,447	49,813						47,060
						29,776	55,058	83,937						64,724
65-69	2	3	1	4	3	21	11	10	8	9	5	5	3	85
						48,984								50,161
						37,525								73,536
70&Over					1	6	1	7	3	2	1	1	2	24
														48,042
														85,259
Total	327	230	98	98	69	369	280	141	95	87	46	17	8	1,865
	41,162	43,710	44,636	45,712	45,817	47,093	48,175	53,797	53,011	52,394	55,729			46,914
	6,157	6,303	14,464	18,207	21,612	33,222	56,591	87,194	111,470	119,090	122,215			41,906

Plan Name: Case Western Reserve University Employees' Retirement Plan B
 EIN / PN: 34-1018992 / 003
 Plan Sponsor: Case Western Reserve University
 Valuation Date: July 1, 2016

SCHEDULE SB ATTACHMENTS

Actuarial Assumptions and Methods—Contributions

Economic Assumptions

Interest rate basis:

- Applicable month March
- Yield curve basis 3-Segment rates

Interest rates:

	Reflecting Stabilization	Not Reflecting Stabilization
▪ First segment rate - 10-year rate	4.43%	1.46%
▪ Second segment rate - 20-year rate	5.91%	3.93%
▪ Third segment rate - 30-year rate	6.65%	4.94%
▪ Effective interest rate	6.31%	4.55%

Annual rates of increase

- Salaries 2.25%
- Future Social Security wage bases 4.50%
- Future annual interest credit to participant accounts 6.00%

The rates not reflecting stabilization are to be used for purposes of determining the deductible limit.

Plan Name: Case Western Reserve University Employees' Retirement Plan B
EIN / PN: 34-1018992 / 003
Plan Sponsor: Case Western Reserve University
Valuation Date: July 1, 2016

SCHEDULE SB ATTACHMENTS

Demographic Assumptions

Inclusion date	The valuation date coincident with or next following the date on which the employee becomes a participant.
New or rehired employees	It was assumed there will be no new or rehired employees.
Mortality	
■ Healthy	
— Preretirement	RP2000 "Employees" table without collar or amount adjustments, projected to 2031 using Scale AA.
— Postretirement	RP2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2023 using Scale AA.
■ Disabled	RP2000 "Healthy Annuitants" table without collar or amount adjustments, projected to 2023 using Scale AA.
Termination	Rates varying by age and service.

Sample rates:

Percentage leaving during the year					
Years of service	Age 20	Age 30	Age 40	Age 50	Age 55
Less than 3	0.250	0.250	0.250	0.250	0.250
3 or more	0.375	0.150	0.075	0.030	0.015

Disability	Rates varying by age.
------------	-----------------------

Sample rates:

Age 20	Age 30	Age 40	Age 50	Age 55
0.0010	0.0011	0.0017	0.0034	0.0055

Retirement	Rates varying by age.
------------	-----------------------

Sample rates:

Percentage retiring during the year	
Age	Rate
55 – 60	1%
61 – 62	5%
63 – 64	2%
65 – 78	30%
79	100%
Average retirement age	66

Plan Name: Case Western Reserve University Employees' Retirement Plan B
 EIN / PN: 34-1018992 / 003
 Plan Sponsor: Case Western Reserve University
 Valuation Date: July 1, 2016

SCHEDULE SB ATTACHMENTS

Form of payment

Active Participants

Pre-July 1, 1992 benefit: Life annuity.

Prior plan benefit for service after July 1, 1992 is converted to a lump sum and compared to the cash balance account. The greater of the two benefits is then valued with 50% electing lump sum and 50% electing life annuity.

Participants with Deferred Benefit

Life annuity commencing at age 65. The post July 1, 1992 cash balance account is converted to an annuity by projecting to age 65 and dividing by 12.

Percent married

100%.

Spouse age

Wives are assumed to be three years younger than husband.

Covered pay

Base salary exclusive of overtime.

Administrative expenses

\$2,033,723.

Plan Name: Case Western Reserve University Employees' Retirement Plan B
EIN / PN: 34-1018992 / 003
Plan Sponsor: Case Western Reserve University
Valuation Date: July 1, 2016

SCHEDULE SB ATTACHMENTS

Methods

Valuation date	First day of plan year
Funding target	Present value of accrued benefits as required by regulations under IRC §430.
Target normal cost	Present value of benefits expected to accrue during the plan year plus plan-related expenses expected to be paid from plan assets during the plan year as required by regulations under IRC §430.
Actuarial value of assets for determining minimum required contributions	Average of the fair market value of assets on the valuation date and the two immediately preceding valuation dates, adjusted for contributions, benefits, administrative expenses and expected earnings (with such expected earnings limited as described in IRS Notice 2009-22).
Benefits not valued	Benefits for employees who have terminated without vested rights but may be rehired in time to have benefits restored were not valued.

Assumptions Rationale - Significant Economic Assumptions for Contributions

Discount rate	The basis chosen was selected by the plan sponsor from among choices prescribed by law, all of which are based on observed market data over certain periods of time.
Cash Balance Interest crediting rate	The plan credits interest to cash balance accounts using the 5-year Treasury rate, but no less than 6.00%. A rate of 6.00% was assumed, based on current conditions, and future economic expectations.
Lump sum conversion rate	As required by IRC 430, lump sum benefits are valued using "annuity substitution", so that the interest rates assumed are effectively the same as described above for the discount rate. This adjustment results in a fixed assumption of 5.25%, because the plan's fixed minimum conversion rate is expected to always produce the larger lump sum, even when the variability of IRC 417(e) assumptions is considered.
Rates of increase in:	
<ul style="list-style-type: none"> ■ Compensation 	Assumed increases were chosen by the plan sponsor and, as required by U.S. GAAP they represent an estimate of future experience.
<ul style="list-style-type: none"> ■ National average wages (NAW) (e.g., Social Security wage bases) 	The assumed NAW is based on assumed CPI as shown below, plus assumed increases in real wages (the portion of GDP increases that becomes part of wages). Such assumed future increases in real wages are based on a combination of

Plan Name: Case Western Reserve University Employees' Retirement Plan B
 EIN / PN: 34-1018992 / 003
 Plan Sponsor: Case Western Reserve University
 Valuation Date: July 1, 2016

SCHEDULE SB ATTACHMENTS

	historical averages and an expectation that the future rates will be lower (higher) than historical averages.
■ Increases in statutory limits (CPI)	The assumed CPI is based on a combination of historical average CPI and current conditions. The final assumption represents a composite of current rates and long term expected rates.
Administrative expenses	Administrative expenses are estimated by determining the expected actual expenses for the coming year, reflecting items like expected PBGC premiums and the actual expenses paid from the trust the preceding year.

Plan Name: Case Western Reserve University Employees' Retirement Plan B
EIN / PN: 34-1018992 / 003
Plan Sponsor: Case Western Reserve University
Valuation Date: July 1, 2016

SCHEDULE SB ATTACHMENTS

Source of Prescribed Methods

Funding methods	The methods used for funding purposes as described in Appendix A, including the method of determining plan assets, are “prescribed methods set by law”, as defined in the actuarial standards of practice (ASOPs). These methods are required by IRC §430, or were selected by the plan sponsor from a range of methods permitted by IRC §430.
Accounting methods	The methods used for accounting purposes as described in Appendix A, including the method of determining the market-related value of plan assets, are “prescribed methods set by another party”, as defined in the actuarial standards of practice (ASOPs). As required by U.S. GAAP, these methods were selected by the plan sponsor.

Plan Name: Case Western Reserve University Employees' Retirement Plan B
EIN / PN: 34-1018992 / 003
Plan Sponsor: Case Western Reserve University
Valuation Date: July 1, 2016

CASE WESTERN RESERVE UNIVERSITY EMPLOYEES' RETIREMENT PLAN B

EMPLOYER NO. 34-1018992

PLAN NO. 003

SCHEDULE H, LINE 4j, SCHEDULE OF REPORTABLE TRANSACTIONS

Year Ended June 30, 2017

SERIES OF SECURITY TRANSACTIONS IN EXCESS OF 5%
OF THE CURRENT VALUE OF PLAN ASSETS
AT THE BEGINNING OF THE YEAR

Total Current Value of Plan
Assets \$144,116,874
5% of Total Current Value of
Plan Assets \$ 7,205,844

Identity of (a) <u>Party</u>	Description (b) <u>of Asset</u>	Purchase (c) <u>Price</u>	Selling (d) <u>Price</u>	Lease (e) <u>Rental</u>	Expenses Incurred With (f) <u>Transaction</u>	Cost of (g) <u>Asset</u>	Current Value of Assets on Transaction (h) <u>Date</u>	Net Gain or (i) <u>Loss</u>
TIAA-CREF Insurance Company	TIAA-CREF S&P 500 Index	\$ 10,846,064	N/A	N/A	N/A	\$ 10,846,064	\$ 10,846,064	N/A
TIAA-CREF Insurance Company	TIAA-CREF Short Term Bond Fund	10,058,239	N/A	N/A	\$ 38,794	10,058,239	10,058,239	N/A

CASE WESTERN RESERVE UNIVERSITY EMPLOYEES' RETIREMENT PLAN B

EMPLOYER NO. 34-1018992

PLAN NO. 003

SCHEDULE H, LINE 4j, SCHEDULE OF REPORTABLE TRANSACTIONS

Year Ended June 30, 2017

SINGLE SECURITY TRANSACTION IN EXCESS OF 5%
OF THE CURRENT VALUE OF PLAN ASSETS
AT THE BEGINNING OF THE YEAR

Total Current Value of Plan
Assets \$144,116,874
5% of Total Current Value of
Plan Assets \$ 7,205,844

Identity of (a) <u>Party</u>	Description (b) <u>of Asset</u>	Purchase (c) <u>Price</u>	Selling (d) <u>Price</u>	Lease (e) <u>Rental</u>	Expenses Incurred With (f) <u>Transaction</u>	Cost of (g) <u>Asset</u>	Current Value of Assets on Transaction (h) <u>Date</u>	Net Gain or (i) <u>Loss</u>
Evanston Capital Management	Weatherlow Offshore Fund II	N/A	\$ 18,498,385	N/A	N/A	\$ 13,500,000	\$ 18,498,385	\$ 4,998,385
Bridgewater Associates	Bridgewater Pure Alpha Fund II	N/A	15,661,173	N/A	N/A	6,836,617	15,661,173	8,824,556
TIAA-CREF Insurance Company	GS Financial SQ Prime Obligation	\$ 14,538,156	N/A	N/A	N/A	14,538,156	14,538,156	N/A
TIAA-CREF Insurance Company	GS Financial SQ Prime Obligation	N/A	17,101,236	N/A	N/A	17,101,236	17,101,236	-
TIAA-CREF Insurance Company	TIAA-CREF S&P 500 Index	18,601,963	N/A	N/A	N/A	18,601,963	18,601,963	N/A
TIAA-CREF Insurance Company	TIAA-CREF Large Cap Value	N/A	18,601,963	N/A	N/A	16,489,519	18,601,963	2,112,444

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <hr/> <small>Department of Labor Employee Benefits Security Administration</small> <hr/> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 07/01/2016 and ending 06/30/2017

► **Round off amounts to nearest dollar.**

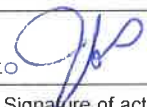
► **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan Employees' Retirement Plan B	B Three-digit plan number (PN) ►	003
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF Case Western Reserve University	D Employer Identification Number (EIN) 34-1018992	
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500	

Part I Basic Information				
1	Enter the valuation date: Month <u>07</u> Day <u>01</u> Year <u>2016</u>			
2	Assets:			
	a Market value.....	2a	143,990,961	
	b Actuarial value.....	2b	157,209,623	
3	Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
	a For retired participants and beneficiaries receiving payment.....	806	27,269,241	27,269,241
	b For terminated vested participants.....	2,414	69,768,567	69,768,567
	c For active participants.....	1,865	78,918,035	81,900,048
	d Total.....	5,085	175,955,843	178,937,856
4	If the plan is in at-risk status, check the box and complete lines (a) and (b) ☐			
	a Funding target disregarding prescribed at-risk assumptions.....	4a		
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	4b		
5	Effective interest rate.....	5	6.31%	
6	Target normal cost.....	6	7,278,747	

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	Joseph A. Perko  Signature of actuary	 Date 1706491
Joseph A. Perko Type or print name of actuary Towers Watson Delaware Inc. Firm name 1001 Lakeside Avenue, Suite 1500 Cleveland OH 44114-1172 Address of the firm		Most recent enrollment number 216-937-4000 Telephone number (including area code)

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

Schedule SB (Form 5500) 2016
v. 160205

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year).....	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year).....	0	0
9	Amount remaining (line 7 minus line 8).....	0	0
10	Interest on line 9 using prior year's actual return of <u>-3.83%</u>	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
	a Present value of excess contributions (line 38a from prior year).....		0
	b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>6.50%</u>		0
	b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return.....		0
	c Total available at beginning of current plan year to add to prefunding balance.....		0
	d Portion of (c) to be added to prefunding balance.....		0
12	Other reductions in balances due to elections or deemed elections.....	0	0
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12).....	0	0

Part III Funding Percentages		14	15
14	Funding target attainment percentage		87.85%
15	Adjusted funding target attainment percentage.....		87.85%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	94.11%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage.	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
10/14/2016	2,071,331				
01/12/2017	2,070,974				
04/13/2017	2,071,331				
07/14/2017	2,071,331				
03/14/2018	3,690,648				
Totals ▶			18(b)	11,975,615	18(c)
					0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years.....	19a	
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date.....	19c	11,284,151

20 Quarterly contributions and liquidity shortfalls:

a Did the plan have a "funding shortfall" for the prior year? ☒ Yes ☐ No

b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☒ Yes ☐ No

c If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th
0	0	0	0

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:			
a Segment rates:	1st segment: 4.43 %	2nd segment: 5.91 %	3rd segment: 6.65 %
			☐ N/A, full yield curve used
b Applicable month (enter code)			21b 4
22 Weighted average retirement age			22 66
23 Mortality table(s) (see instructions)	☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute		

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes ☒ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment.	☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment.	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):			
a Target normal cost (line 6)	31a	7,278,747	
b Excess assets, if applicable, but not greater than line 31a	31b	0	
32 Amortization installments:	Outstanding Balance		Installment
a Net shortfall amortization installment	21,728,233		4,002,816
b Waiver amortization installment	0		0
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33		
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	11,281,563	
		Carryover balance	Prefunding balance
35 Balances elected for use to offset funding requirement		0	0
36 Additional cash requirement (line 34 minus line 35)	36	11,281,563	
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	11,284,151	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	2,588	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0	
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0	
40 Unpaid minimum required contributions for all years	40	0	

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:			
a Schedule elected	☐ 2 plus 7 years ☐ 15 years		
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011		
42 Amount of acceleration adjustment	42	0	
43 Excess installment acceleration amount to be carried over to future plan years	43	0	

SCHEDULE SB ATTACHMENTS

Plan Provisions

Plan name	Employees' Retirement Plan B
Effective date	Most recent amendment effective July 1, 2012.
Covered employees	All regular employees who are not participants in Plan A. Temporary/post-doctorate employees are not Covered Employees but accrue vesting service with the university. Plan B was closed to new entrants effective June 30, 2015.

Definitions

Participation date	First of January or July coincident with or following one year of completed service.						
Normal retirement date (NRD)	<table><tr><td>Age</td><td>Service</td><td>Date</td></tr><tr><td>65</td><td>3</td><td>First of the month coincident with or following.</td></tr></table>	Age	Service	Date	65	3	First of the month coincident with or following.
Age	Service	Date					
65	3	First of the month coincident with or following.					
Early retirement date	<table><tr><td>Age</td><td>Service</td><td>Date</td></tr><tr><td>55</td><td>15</td><td>First of the month coincident with or following.</td></tr></table>	Age	Service	Date	55	15	First of the month coincident with or following.
Age	Service	Date					
55	15	First of the month coincident with or following.					
Late retirement date	Actual retirement after normal retirement date.						
Disability retirement date	Employee qualifies, if eligible, under the long-term disability program. Retirement is on or after earliest retirement date.						
Credited service	Elapsed time from date of hire.						
Vesting	Three years of credited service.						
Benefit service	Elapsed time from date of participation.						
Pension earnings	Base salary exclusive of overtime.						
Plan formula	<p>Prior plan benefits</p> <p>The benefit is equal to (1) plus (2) plus maximum of (3) and (4):</p> <p>(1) \$25 for each month of benefit service prior to July 1, 1986.</p> <p>(2) For each year after June 30, 1986, the maximum of \$25 a month or 1.5% time the lesser of the participant's compensation or one-half the Social Security annual wage base.</p> <p>(3) 37.5% of employee contributions prior to July 1, 1986 plus 62.5% of employee contributions on or after July 1, 1986.</p> <p>(4) Employee contributions with statutory interest to valuation date converted to a monthly benefit using deferred lump sum factors.</p>						

Plan Name: Case Western Reserve University Employees' Retirement Plan B
 EIN / PN: 34-1018992 / 003
 Plan Sponsor: Case Western Reserve University
 Valuation Date: July 1, 2016

SCHEDULE SB ATTACHMENTS

Account balance benefit

The greater of (1) or (2):

(1) Cash balance account converted to a monthly benefit.

(2) If a participant on June 30, 1992, the Prior Plan Benefit for benefit service after July 1, 1992.

Monthly pension benefit

Prior plan benefit as of June 30, 1992, plus the account balance benefit.

Interest credit

Account balances are assumed to grow at a rate equal to the greater of (1) 6.00% per annum, or (2) the five year T-Bill rate effective on the last day of sale in June of the prior plan year.

Pay credit

Account balances also grow with annual credits equal to 7.00% of pay, reflected at the end of the year.

Normal form

Life annuity for single employees; 50% joint and survivor for married employees.

Plan Name: Case Western Reserve University Employees' Retirement Plan B
EIN / PN: 34-1018992 / 003
Plan Sponsor: Case Western Reserve University
Valuation Date: July 1, 2016

SCHEDULE SB ATTACHMENTS

Eligibility for Benefits

Normal or late retirement	Monthly pension benefit determined at retirement.
Early retirement	Actuarial equivalent of the monthly amount the employee would have received at his normal retirement date. The actuarial equivalent of the Deferred Cash Balance Account annuity shall not be less than the Immediate Cash Balance Account annuity.
Vested termination	Monthly pension benefit determined at termination date.
Preretirement death	Beneficiaries of vested employees receive a lump sum death benefit equal to (1) plus (2): <ol style="list-style-type: none">(1) The lump sum value of the account balance benefit, but no less than the account balance.(2) The actuarial equivalent value of an annuity based on the prior plan accrued benefit and assuming the participant had terminated on the date of death, survived to his earliest retirement age and retired after electing a 50% joint and survivor option and then died. This portion of the benefit is only payable to the participant's surviving spouse.
Disability retirement	The employee continues to accrue account balance contributions (based on last rate of pay) and interest credits to retirement date.
Optional forms	Pre July 1, 1992 benefit: Single life annuity, qualified joint and survivor annuity (50%, 66 2/3%, 75%, 100%), five-year or ten-year certain and life annuity. Post July 1, 1992 benefit: Any of the above forms or a lump sum.

Plan Status for PBGC Reporting Purposes

Ongoing.

Plan Provisions Effective After July 1, 2016

None.

Changes in Plan Provisions Since Prior Year

The Plan was amended to allow a select group of terminated vested participants the opportunity to commence their accrued benefit as a lump sum form of payment or as an immediate annuity.

Plan Name:	Case Western Reserve University Employees' Retirement Plan B
EIN / PN:	34-1018992 / 003
Plan Sponsor:	Case Western Reserve University
Valuation Date:	July 1, 2016

CASE WESTERN RESERVE UNIVERSITY EMPLOYEES' RETIREMENT PLAN B

EMPLOYER NO. 34-1018992

PLAN NO. 003

SCHEDULE H, LINE 4i, SCHEDULE OF ASSETS (HELD AT END OF YEAR)

June 30, 2017

(a)	(b) <u>Identity of Party</u>	(c) <u>Description of Investment</u>	(d) <u>Cost</u>	Current (e) <u>Value</u>
*	TIAA-CREF Insurance Company	GS Financial SQ Prime Obligation	\$ 5,450,880	\$ 5,450,880
*	TIAA-CREF Insurance Company	DFA Emerging Markets Portfolio	10,229,944	13,441,239
*	TIAA-CREF Insurance Company	TIAA-CREF S&P 500 Index	29,448,027	30,015,648
*	TIAA-CREF Insurance Company	TIAA-CREF Small-Cap Blend	1,750,000	1,765,336
*	TIAA-CREF Insurance Company	TIAA-CREF International Equity Index	12,927,211	15,675,518
*	TIAA-CREF Insurance Company	TIAA-CREF Plus Bond Fund	10,443,427	11,090,482
*	TIAA-CREF Insurance Company	TIAA-CREF Short-Term Bond Fund	10,058,239	10,067,872
*	TIAA-CREF Insurance Company	CREF Inflation Linked Bond	4,395,027	5,580,236
*	TIAA-CREF Insurance Company	TIAA Real Estate	6,121,190	8,596,865
*	TIAA-CREF Insurance Company	TIAA Traditional	3,693,181	3,693,181
*	Benefit Street Partners	Benefit Street Partners Debt Fund	1,633,910	1,645,043
*	Bridgewater Associates	All Weather Portfolio Fund, LLC	11,906,934	23,560,850
*	Elliot Management Group	Elliot International Ltd.	15,034,057	21,392,686
*	THL Credit	THL Credit Direct Lending Fund	<u>2,381,263</u>	<u>2,427,892</u>
			<u>\$ 125,473,290</u>	<u>\$ 154,403,728</u>

* Represents a party-in-interest

SCHEDULE SB ATTACHMENTS

Schedule SB, Line 32
Schedule of Amortization Bases
as of July 1, 2016

Type of Base		Date Established	Remaining Amortization Period (Years)	Outstanding Balance	Amortization Payment
1	Shortfall	07/01/2016	7	13,085,931	2,162,103
2	Shortfall	07/01/2015	6	5,310,601	993,778
3	Shortfall	07/01/2014	5	838,541	182,553
4	Shortfall	07/01/2013	4	2,493,160	664,382
Total				21,728,233	4,002,816

Plan Name: Case Western Reserve University Employees' Retirement Plan B
EIN / PN: 34-1018992 / 003
Plan Sponsor: Case Western Reserve University
Valuation Date: July 1, 2016